



Attorney's Docket No. 3477-116

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.: Pugh et al.
Filed: 09/029,872
For:June 29, 1998

Group Art Unit: 1755
Examiner: P. Prebilic

ARTIFICIAL STABILIZED COMPOSITION
OF CALCIUM PHOSPHATE PHASES PARTICULARLY
ADAPTED FOR SUPPORTING BONE CELL ACTIVITY

January 16, 2001

Assistant Commissioner for Patents
Washington, DC 20231

AMENDMENT

Sir:

In response to the Office Action mailed July 13, 2000, please amend the above-referenced application as follows:

In the Specification:

Please insert the attached "Abstract" after page 39.

In the Claims:

1. (Amended) A bioactive artificial sintered composition for providing a morphology capable of consistently supporting bone cell activity [thereon], said composition comprising stabilized calcium phosphate phases developed by the conversion of a hydroxyapatite substance [in the presence of] doped with stabilizing entities at sintering temperatures into insolubilized and stabilized tricalcium phosphate.

3. (Amended) A composition as claimed in claim 1 [2], wherein said composition is in the form of a powder, [film,] thick coating or a three-dimensional bulk material.

Cancel Claim 4.

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